Claim Listing

1-20 (canceled)

21. (currently amended) A medical ~~treatment~~ data handling system, comprising:

a portable personal data device storing patient data associated with a person comprising personal identification information, medical insurance information, or ~~and~~ emergency medical treatment information;

a mobile data management system ~~located on~~ carried by an ambulance configured to read the personal data device, display the emergency medical treatment information, and transmit the patient data to a hospital while the ambulance is in transit to the hospital; and

a ~~trauma center~~ medical treatment facility computer configured to receive the patient data ~~report~~ and prepare a hospital admission report based on the patient information while the ambulance is in transit to the hospital.

22. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein the personal data device comprises a wallet-sized smartcard.

23. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein:

~~the patient data includes a picture of the associated person; and~~

the hospital admission report comprises a ~~copy of the picture~~ photograph of the person to facilitate proper identification of the person upon arrival at the hospital.

24. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein the ~~emergency medical treatment information~~ patient data stored on the personal data device comprises present medical condition information ~~indicates whether the person is diabetic~~.

25. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein the mobile data management system is further configured to:

receive medical device readings associated with the patient taken while the ambulance is in transit to the hospital; and

include those readings in the data ~~patient report~~ transmitted to the ~~trauma center~~ medical treatment facility computer.

26. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein the mobile data management system is further configured to receive data input by an emergency medical technician attending to the person in the ambulance while the ambulance is in transit to the hospital and transmit ~~include~~ that data ~~in the patient report transmitted~~ to the ~~trauma center~~ medical treatment facility computer, which includes that information in the hospital admission report.

27. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein:

~~the emergency medical treatment information includes the identification of a physician computer associated with the person; and~~

the ~~trauma center~~ medical treatment facility computer is configured to obtain additional medical data pertaining to the person from ~~the physician computer~~ a secure medical data storage system, and include that additional medical data in the hospital admission report.

28. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein:

the ~~emergency medical treatment information~~ patient data includes the identification of a ~~pharmacy~~ computer associated with the person; and

the ~~trauma center~~ medical treatment facility computer is configured to obtain additional medical data pertaining to the person from the ~~pharmacy~~ computer, and include that additional medical data in the hospital admission report.

29. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein:

the ~~emergency medical treatment information~~ patient data includes the identification of an insurance company, physician or pharmacy computer associated with the person; and

the ~~trauma center~~ medical treatment facility computer is configured to obtain additional medical data pertaining to the person from the insurance company, physician or pharmacy computer, and include that additional medical data in the hospital admission report.

30. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein:

the mobile data management system comprises a global positioning system device tracking the location of the ambulance;

data indicating the location of the ambulance is included in the data transmitted to the medical treatment facility ~~patient report~~;

the ~~trauma center~~ medical treatment facility computer determines an estimated time of arrival of the ambulance at the hospital and includes that information in the hospital admission report.

31. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein the patient data includes the person's name, gender, age, weight, blood type, physician's name, medical insurance information, emergency contact information, present medical conditions, blood type, organ donor status.

32. (currently amended) The medical ~~treatment~~ data handling system of claim 21, wherein:

the personal data device comprises a first data storage area comprising patient identification information and emergency medical treatment information accessible by the mobile data management system;

the personal data device comprises an a second data storage area comprising secured medical data that is not accessible by the mobile data management system;

the mobile data management system is configured to transmit the secured medical data to the ~~trauma-center~~ medical treatment facility without accessing the secured medical data; and

the ~~trauma-center~~ medical treatment facility computer is configured to access the secured medical data stored in the secured data storage.

33. (currently amended) A medical ~~treatment~~ data handling system, comprising:

a portable personal data device storing patient data associated with a person comprising personal identification information, medical insurance information, and present medical condition ~~emergency-medical-treatment~~ information;

a mobile data management system located on an ambulance comprising a data drive for reading the personal data device, a display for display the present medical condition ~~emergency-medical-treatment~~ information, a medical device interface for receiving medical device readings taken while the person is in the ambulance, a data input interface for receiving attending data input by a medical technician attending to the person while the person is in the ambulance, and a data transmission for transmitting a patient report including the patient data, medical device readings and attending data to a hospital while the ambulance is in transit to the hospital;

a ~~trauma-center~~ medical treatment facility computer configured to receive the patient report and prepare a hospital admission report based on the patient information while the ambulance is in transit to the hospital;

the personal data device comprises a ~~first~~ transport-accessible data storage area comprising information that is accessible by the mobile data management system;

the personal data device comprises ~~an~~ a ~~second~~ hospital-accessible data storage area comprising ~~secured~~ medical data that is not accessible by the mobile data management system;

the mobile data management system is configured to transmit the ~~second~~ hospital-accessible medical data to the ~~trauma-center~~ medical treatment facility ~~without accessing the secured medical data~~; and

the ~~trauma-center~~ medical treatment facility computer is configured to access the ~~second~~ hospital-accessible medical data ~~stored in the secured data storage~~.

34. (new) A method for handling medical information, comprising:

using a mobile data management system to read personal health information from a personal medical data device associated with a patient requiring medical attention;

transmitting the personal health information from the mobile data management system to a medical treatment facility prior to or during transport of the patient to the medical treatment facility;

obtaining medical records associated with the patient from a secure medical data storage system using the personal health information received from the mobile data management system;

compiling a hospital admission report comprising the secure medical records in advance of the patient arriving at the medical treatment facility; and

providing a printed a copy of the hospital admission report at the medical treatment facility in advance of the patient's arrival at the medical treatment facility.

35. (new) The method of claim 34, wherein the step of obtaining the medical records comprises the step of accessing a secured data storage area on the personal medical data device.

36. (new) The method of claim 34, wherein the step of obtaining the medical records comprises the step of accessing a secure medical records maintenance system located outside the personal medical data device.

37. (new) The method of claim 34, further comprising the steps of:

receiving medical device readings from the patient while the patient is located in an emergency transport vehicle in transit to the medical treatment facility;

storing the medical device readings on the personal medical data device;

transmitting the medical device readings to the medical treatment facility while the patient is in transit to the medical treatment facility; and

including the medical device readings in the hospital admission report.

38. (new) The method of claim 34, further comprising the steps of:

receiving medical treatment information regarding medical procedures administered to the patient while the patient is located in an emergency transport vehicle in transit to the medical treatment facility;

storing the medical treatment information on the personal medical data device;

transmitting the medical treatment information to the medical treatment facility while the emergency transport vehicle is in transit to the medical treatment facility; and

including the medical treatment information in the hospital admission report.

39. (new) The method of claim 34, wherein the personal health information comprises medical insurance information, further comprising the steps of obtaining medical coverage information using the medical insurance information, and including the medical coverage information in the hospital admission report.

40. (new) The method of claim 34, further comprising the step of including a photograph of the patient in the hospital admission report to facilitate proper identification of the patient upon arrival at the hospital.